Muhammad Ahmad

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Website: https://rust-ordinary-bill.glitch.me/

LinkedIn: http://www.linkedin.com/in/muhammad-ahmad-662835153/

Gender: Male   **Date of birth:** 19/09/1999   **Nationality:** Pakistani

EDUCATION AND TRAINING

[15/09/2020 – 15/07/2024] **Bachelor of Science in Software Engineering**

COMSATS University Islamabad Sahiwal Campus

City: Sahiwal | **Country:** Pakistan |

[01/10/2017 – 15/03/2018] **Assessment of Fundamental Competencies**

Institue of Chartered Accountants of Pakistan

City: Lahore | **Country:** Pakistan |

WORK EXPERIENCE

[01/06/2023 – 30/09/2023] **Research Assistant Intern**

Department of Computer Science COMSATS University Islamabad Sahiwal Campus

City: Sahiwal | **Country:** Pakistan

[15/09/2022 – 31/12/2022] **Teacher Assistant Intern**

Department of Computer Science COMSATS University Islamabad Sahiwal Campus

City: Sahiwal | **Country:** Pakistan

[16/05/2022 – 14/08/2022] **Web Developer Intern**

COMSATS Software House COMSATS University Islamabad Sahiwal Campus

City: Sahiwal | **Country:** Pakistan

[01/02/2022 – 30/04/2022] **Software Quality Engineer Intern**

COMSATS Software House COMSATS University Islamabad Sahiwal Campus

City: Sahiwal | **Country:** Pakistan

VOLUNTEERING

[01/11/2023 – Current] **Research Paper Reviewer**   PLOS ONE

PROJECTS

TumorInsight (Transforming Brain Tumor Insights with Precision)

Under development

Link: https://github.com/Ahmad1931/Tumor-Insight

CUI Timetable Application

Publicly available at Play Store

Link: https://play.google.com/store/apps/details?id=g5.consultency.cuitalibilam&pli=1

CUI Alumni System

Publicly available in GitHub

Link: https://github.com/Ahmad1931/AlumniFinalVersion

Police Station Management System

Code may be provided upon request, subject to certain restrictions

Link: https://github.com/Ahmad1931/Police-Station-Management-System

MANAGEMENT AND LEADERSHIP SKILLS

Served Various Leadership Roles in Computer Science Society at COMSATS University Islamabad Sahiwal Campus

1. President
2. General Secretary
3. Chapter Coordinator
4. Director of Technology.

Served as Management Lead at Google Developers Student Club

DIGITAL SKILLS

My Digital Skills

Microsoft Microsoft Office | Accounting (Basic) | Text processing (Word, LaTeX) | Managerial and administrative skills

HONOURS AND AWARDS

[06/12/2023] **Letter of Appreciation Awarding institution:** InCharge Student Affairs COMSATS University Islamabad Sahiwal Campus

[13/11/2023] **Letter of Appreciation Awarding institution:** Computer Science Society COMSATS University Islamabad Sahiwal Campus

PUBLICATIONS

Advancing Brain Tumor Classification through Fine-Tuned Vision Transformers: A Comparative Study of Pre-Trained Models

Reference: Asiri, Abdullah A, Ahmad Shaf, Tariq Ali, Muhammad Ahmad Pasha et al. Sensors 23, no. 18 (2023)

Enhancing Brain Tumor Diagnosis: Transitioning from Convolutional Neural Network to Involutional Neural Network

Reference: Asiri, Abdullah A., A. Shaf, T. Ali, M. Zafar, Muhammad Ahmad Pasha, et al. IEEE Access 11 (2023)

Advancing brain tumor detection: harnessing the Swin Transformer's power for accurate classification and performance analysis

Reference: Asiri, Abdullah A., A. Shaf, T. Ali, Muhammad Ahmad Pasha et al. PeerJ Computer Science 10 (2024)